

## NOTES FROM COMMUNITY GATHERING NOV 13, 2008

### 1. Land use policies that reduce sprawl, preserve open space, and create compact urban communities.

Facilitator: Marlene Sanford

Recorders: Jeff Sovich, Troy Williams

#### A) Sticky-notes:

##### Expansion of City Limits

- Stop extending roads into undeveloped areas

- Set limits on annexation actions

- New urbanization limits – no greenfield development

##### Transportation

- Light rail systems

- Coordinate development with transportation alternatives

##### Regulatory measures

- Make developers pay for:

  - Expanded City services

  - Environmental damage

  - Mitigation Best Management Practices

  - Incentives for dense, multi-use, efficient development

- Rain catchers

- Multi-use communities "New Urbanism"

- Protect more trees, less clear cutting

- Preserve air quality

- Rewrite zoning laws to encourage collective living arrangements and resource sharing

- LDO update includes green

- Build 'up' not 'out'

- Offer carrots to developers to build green

##### Infill development

- Stop new commercial development – we have too much and it is half vacant

- Increase control over development of strip malls, especially in areas with lots of vacancies

- Strictly restrict any new development when unused lots/buildings are available

- High taxes for new/greenfield construction where infill development is possible

- Respect character

- Kindergarten rule: developers of failed strip malls must clean up their mess

- Think smaller rather than bigger; think about communities, ie – Glenwood, Warnersville,

  - Maplewood, White Oak.

- Divide several communities into one square mile areas and provide them with:

  - A small neighborhood grocery store and other shops

  - A courtyard/gathering place with shaded seating area, including a bus stop

  - More one way traffic roads so that a part of the road can be used for walking and biking traffic

##### Agriculture protection / food production

- Quit raising property taxes for large parcel land owners in sprawling areas; forced to sell.

- Encourage farming and sustainable food

- Farmland protection plan – voluntary agricultural districts

- Work with and support Piedmont Land Conservancy to protect and preserve open space and farms and forests

##### Spiritual / Emotional / Cultural dimension

- Mind and heart shift!

Land and earth as sacred  
Providing/creating meaningful work of benefit to the community  
Building relationships across class and ethnic boundaries

B) Other notes on board:

C) Questions concerning how to attain the big ideas

i) What **big ideas** are missing and need to be added to our list?

Already added.

ii) What problems need to be studied? How might they be **investigated and analyzed**?

Zoning issues and how we can replicate the livability and greenness of the CBD.

Stormwater issues and hazards of open retention basins.

Explore connectivity and seniors' issues in all facets of transportation system.

Resolve regulatory barriers to urban agriculture.

iii) What additional **partners and resources** are available to make this effort self-sustaining?

Urban planning experts

Seniors' organizations

List of attendees today, plus government entities

Youth groups

iv) How can we **evaluate and track** the progress of our work? Measure results? Communicate lessons learned?

Air quality measurements

Water quality (streams and ponds)

Pedestrian and bicycle traffic counts

Tree canopy survey at 3 meter or better resolution

Ratio of infill development to greenfield development in acres

Gas consumption data

Transit ridership

Dwelling units per acre

Open space inventory

v) How can we best **provide information** to stakeholder groups and the general public about the results of our activities?

Interactive web space

More specific contact

Information for staff

Direct contact website, especially email/text messaging

Citizen surveys

Today's attendees as initial contact database

2. Alternative transportation options that reduce dependence on single occupant car use.

Facilitator: Mary

Recorders: Ursula

A) Sticky-notes:

More bicycle infrastructure

- Bike lanes where possible
- Bike paths and trails
- Partner with other cities and agencies on commuter rail
- Create bike greenway from N. Greensboro to campuses & downtown
- Downtown Greenway & other planned greenways to connect neighborhoods & for connections between on-street bike lanes & other transportation facilities.
- Culturally & structurally promote Greensboro's available bikeways – Boulder, CO.
- Bicycle lanes on all major roads – yes!
- Stop building auto-only roads – ditto.
- Green bike program – rent a bike
- Get actual bicyclists in on road & transportation planning
- Bicycle paths/lanes and sidewalks on all streets & roads
- Light Rail
- Bike rental stations by May
- Adopt Complete Streets
- Make the roads skinny, the sidewalks wide and the bike lanes wide
- Meaningful work of benefit to the community
- Building relationships across class and ethnicity boundaries
- Make city transit systems more accessible to outlying areas and the route systems EASIER TO UNDERSTAND & MORE ACCESSIBLE
- Merge at least some of the functions of the County, City Dept's of Transportation – at least “on-demand service”
- Remember to plan for Senior Citizen Transportation
- Expand bus service
  - All routes run 6AM-12AM 7 days/week
  - All routes run every ½ hour & every 15 minutes rush hour
  - Connect Greensboro, High Point & County systems
  - Alternatively fueled buses
- Expand PART buses to Triangle and Asheville
- Consistent holiday schedules among schools, daycares & work places
- Quit pretending we are bike and pedestrian friendly – our city is clearly not and fix the problem
- Limit speed limits in urban neighborhoods
- Congestion pricing
- Carpool to church
- Childcare at work
- Carbon tax user fees for auto drivers
- More local events, organizations and skill-sharing to reduce need to travel
- City officials experience a day to cross major roads
- Follow the model of complete streets \*adopted by City Council\*
- All transportation modes for all ages & groups
- Change model on how sidewalks, bike lanes and bike routes are suggested
- Require new development to put in sidewalks
- Enforce speed limits
- Be honest and transparent about our transportation facilities
- Incentives
- Raise \$ for parking
- Reduce parking & encourage shared parking

**B) Other notes on board:**

C) Questions concerning how to attain the big ideas

i) What **big ideas** are missing and need to be added to our list?

Make every street crossable (Battleground) for bicyclists and pedestrians.  
Sensors on ground (bikes) to change waited lights and intersections.

ii) What problems need to be studied? How might they be **investigated and analyzed**?

Create a goal for the City to make alternate transportation accessible to all.  
Change model on how sidewalks, bike routes, bike lanes are suggested.  
Why are so many roads not bike & pedestrian friendly?  
How can we change % of transportation budget for each mode of transportation?

iii) What additional **partners and resources** are available to make this effort self-sustaining?

GTA, MPO, County transportation, TMS, Neighborhoods, Bicycle groups, State, City, NCDOT, GDOT, GC Schools Safe Ride to Schools, Regional Transp., City Council, County Commissioners, Universities, TREBIC, National Complete Streets Coalition, Development Community

iv) How can we **evaluate and track** the progress of our work? Measure results? Communicate lessons learned?

% of major roads & bike lanes & crosswalks & sidewalks  
Pilot programs and major uses of programs  
Amount of riders on buses at different times & days

v) How can we best **provide information** to stakeholder groups and the general public about the results of our activities?

Billboards, PSA, Tables & community events, speakers from the floor at Council meetings, Presentations on importance, use web and internet, Advertising companies

3. Increased use of renewable energy sources including waste to energy technologies.

Facilitator: Dyan

Recorders: Sohnle

A) Sticky-notes:

Methane gas capture

Landfills

Wastewater treatment

Geo – Thermal

( American Hebrew Academy does it)

Cyclical System

Food – Waste – Food

Waste to energy is a scam – don't do it

Kudzu and other invasive species as source of bio-fuel

Support subsidies for solar panels

Local, Regional and National

Solar technology on large flat roofs

Solar technology encouraged for new housing

Incentive programs for putting up wind mills – geo-coils

City sponsors big push for Solar thermal water heating

100% recovery and distribution of WVO to fuel

Bio-diesel  
Cooking oil & fat  
Install solar thermal where it makes sense in City  
(like Fire stations)

- B) Other notes on board:  
Take polls of attendees by email for additional ideas

C) Questions concerning how to attain the big ideas

- I) What **big ideas** are missing and need to be added to our list?
- Wind, wave, small hydro
  - Energy reduction
  - Energy efficiency
  - Geothermal
  - Renewable community development (w/ city government)
- ii) What problems need to be studied? How might they be **investigated and analyzed**?
- Real costs of fuels we use
  - Health effects of fuels we use now
  - Affordability of the technology
  - Net impact of technology
  - What crops best for NC biofuels
  - Easy fixes – small steps (electric lawnmowers, hybrids)
  - Harvesting methane from city dump
  - Solar tax credits or renewable energy tax credits
  - “Smart Grid” development
- iii) What additional **partners and resources** are available to make this effort self-sustaining?
- Green grid
    - National
    - State
    - Local
  - Piedmont Bio-fuels
  - NC Greenpower
  - NCSEA
  - Berkley solar bonds
  - NC Solar Center at NCSU
  - NC Energy Office
- iv) How can we **evaluate and track** the progress of our work? Measure results? Communicate lessons learned?
- Measure of renewable energy used
  - User groups
- v) How can we best **provide information** to stakeholder groups and the general public about the results of our activities?
- Websites
  - Commercials (PSA's)
  - Myspace page
  - Email list

<p>4. Improved building energy efficiency.  Facilitator: Annette Green  Recorders: Cherie Perry</p>
<p>A) Sticky-notes:</p> <ul style="list-style-type: none"> <li>Programs for energy audits</li> <li>Incentive programs for building/home retrofits</li> <li>Learn to live w/o air conditioning</li> <li>Sponsor sustainable building fair (incl. booths with all the green suppliers)</li> <li>Tax oversized homes</li> <li>Cut paved areas to reduce heat sink effect</li> <li>Partner with state energy office for free audits</li> <li>Educate public it is affordable and available</li> <li>Information on TV &amp; newspapers on helpful products and where to shop for them</li> <li>Non-residential building efficiency study – now vs. 1990</li> <li>Dry clothes outside on clothes line or portable folding dryers – free drying courtesy of sun</li> <li>Local governments show example</li> <li>What can we learn from Proximity?</li> <li>Market President's Climate agreement happening at local colleges</li> <li>Triad Green Building Council (homes) is 1 year old</li> </ul>
<p>B) Other notes on board:</p>
<p>C) Questions concerning how to attain the big ideas</p> <ul style="list-style-type: none"> <li>i) What <b>big ideas</b> are missing and need to be added to our list? <ul style="list-style-type: none"> <li>Lifestyle</li> <li>Emphasis on retrofiting</li> <li>Financial incentives</li> <li>Inexpensive steps</li> <li>Public education</li> <li>Passive solar</li> <li>Daylighting</li> <li>Ask people to contribute to solutions</li> <li>Make it FUN (friendly competitions)</li> <li>Energy efficient appliances</li> <li>CFL lighting</li> </ul> </li> <li>ii) What problems need to be studied? How might they be <b>investigated and analyzed</b>? <ul style="list-style-type: none"> <li>How people live</li> <li>Take baseline measurements</li> <li>Use energy calculating programs</li> <li>Where the sources of incentives will come from</li> <li>Evaluation system of companies</li> </ul> </li> <li>iii) What additional <b>partners and resources</b> are available to make this effort self-sustaining? <ul style="list-style-type: none"> <li>Neighbors helping neighbors</li> <li>Green building associations</li> </ul> </li> </ul>

ESG and similar groups  
City referral service for builders/designers/retailers  
Neighborhood/City negotiating group rates for upgrades

- iv) How can we **evaluate and track** the progress of our work? Measure results? Communicate lessons learned?  
Colleges and universities doing research & evaluation  
Periodic reviews of baseline measurements
- v) How can we best **provide information** to stakeholder groups and the general public about the results of our activities?  
Media outlets (newspaper, TV, billboards, etc.)  
Websites/blogs  
Publicize success  
User friendly utility bills

5. Improved commercial enterprise energy efficiency.

Facilitator:

Recorders:

A) Sticky-notes:

Waste = Food for systems  
Clusters of businesses complement each other  
Why have we based our economy on carbon & fossil fuel dependent industries?  
Fed Ex  
Honda Jet  
Logistics

C) Questions concerning how to attain the big ideas

- i) What **big ideas** are missing and need to be added to our list?  
This topic did not attract small group members to discuss
- ii) What problems need to be studied? How might they be **investigated and analyzed**?
- iii) What additional **partners and resources** are available to make this effort self-sustaining?
- iv) How can we **evaluate and track** the progress of our work? Measure results? Communicate lessons learned?
- v) How can we best **provide information** to stakeholder groups and the general public about the results of our activities?

6. Improved industrial energy efficiency.

Facilitator:

Recorders:

A) Sticky-notes:

NC State Industrial Assessment center available for free & fee  
Laws enforcing strict measures of efficiency  
Locate new factories for enabling co-generation  
NC Save\$  
Get smart people to live in Greensboro by making it a nice place to live  
Waste – Food (fuel)  
Cluster industries for efficiency

B) Other notes on board:

C) Questions concerning how to attain the big ideas

i) What **big ideas** are missing and need to be added to our list?

This topic did not attract small group members to discuss.

ii) What problems need to be studied? How might they be **investigated and analyzed**?

iii) What additional **partners and resources** are available to make this effort self-sustaining?

iv) How can we **evaluate and track** the progress of our work? Measure results? Communicate lessons learned?

v) How can we best **provide information** to stakeholder groups and the general public about the results of our activities?

7. Improved energy efficiency in municipal planning and operations.

Facilitator & Recorder: Gwen Torain

A) Sticky-notes:

Think about what wastes (resources) come out of a building while designing it and think about how they will be collected/utilized. Dumpsters deserve a home.

Local government show efficiency by example.

Rain catchers water retention & harvesting

Put parking meter-readers on bikes.

More walkable/bikeable urban design.

Ask Dennis Quaintance to talk about Proximity. County & City have been working on this.

LED traffic signals.

Follow Proximity's LEED.

Divide communities up in 1 square mile areas:

Have a small neighborhood grocery stores &

A courtyard with shops \_\_\_\_?

More one way traffic roads

Ask Muander? Sommith?



B) Other notes on board:

- Occupancy sensors
- Capital Investments that promote future savings
- Pervious surfaces for sidewalks & roads to slow runoff into stormwater system
- Building energy auditing to determine how much energy is consumed
- Forecasting and energy use simulation
- Rethink legality of greywater usage (NC has laws against this)
- Tax credits for green building
- Design buildings with cisterns
- Eliminate budgetary disincentives for energy savings
- Encourage buildings with natural lighting and passive solar design
- Encourage use of public transportation:
  - Make parking inconvenient
  - No free parking
- Green roofs
- Educate and celebrate green designs (signage displays)

C) Questions concerning how to attain the big ideas

i) What **big ideas** are missing and need to be added to our list?  
Added to list.

ii) What problems need to be studied? How might they be **investigated and analyzed**?  
Capital investments that promote future savings.  
Research how to combine building and operational costs  
Utilize forecasting and simulation

iii) What additional **partners and resources** are available to make this effort self-sustaining?  
Universities – students  
The public (continuous education)  
Private business

iv) How can we **evaluate and track** the progress of our work? Measure results? Communicate lessons learned?  
Measure  
Measure cost and energy savings  
Frequent energy auditing / establish baseline  
Communicate  
Multiple uses seen for single buildings  
Real time metering  
Track paper usage and report  
Report on "how many trees spared" with each print job purchasing decision (green savings)  
Add environmental impact statement to printed material

v) How can we best **provide information** to stakeholder groups and the general public about the results of our activities?  
none.

8. Waste management best practices.

Facilitator: Michael Blair

Recorders: Ashanti Hepburn

A) Sticky-notes:

Waste = Fuel

Make recycling cheaper (more affordable) for Greensboro businesses

Require recycling and recycling education in all city gov't facilities

Recycle waste oils - bio-fuels

Mandates on vehicle idling

The residential recycle bins should be green – not brown

Public info, partnerships within industries

Implement ideas surrounding ordinance/funding tracking

Funding/support

Investigate Winston/Goldstone

Designate area for composting operations for entire community

Think ahead for common good of community

Food Waste Composting – restaurants, grocery, central collecting

Mandate recycling

Take responsibility for our own waste – GC & Greensboro

Limit package sizes

Charge for bas at all retail stores

Regulations requiring recycling & reduction of packaging at fast food restaurants

Increased budget for city oversight

Increase waste staff

Ordinance/education

Construction recycling

More construction recycling

Require recycling on construction & renovation projects (commercial)

Wood waste mulching

- construction waste

- yard/leaf waste

Recycle/ reuse building materials

Require citizens to compost leaves – not to expect City to do so

Trash cans on one side of road – shorter routes

All waste cooking oil to bio-fuels

In addition to trash & recycling, take up food scraps for composting

B) Other notes on board:

C) Questions concerning how to attain the big ideas

i) What **big ideas** are missing and need to be added to our list?

Tax incentives for self-managing industries

Educate gov't/ facilities/ public

Implement bans

ii) What problems need to be studied? How might they be **investigated and analyzed**?

Gov't tracking tools

Investigate other cities policies/progress

- iii) What additional **partners and resources** are available to make this effort self-sustaining?  
Industries, universities, intergovernmental departmental coordination
- iv) How can we **evaluate and track** the progress of our work? Measure results? Communicate lessons learned?  
Public current tracking tools  
Higher budget for personnel  
Enhance checks and balances
- v) How can we best **provide information** to stakeholder groups and the general public about the results of our activities?  
Forums  
Website  
Investigate other cities

9. Maintaining nature in the City: Healthy urban forests and Landscape practices.

Facilitator: John Linn

Recorders: ?

A) Sticky-notes:

- Plant drought resistant plants & gardens
- Tree ordinance is being updated now
- Stop cutting down trees unless absolutely necessary
- Require park areas in all new development
- Natural groundcovers
- Ban lawns – promote gardens
- Quit raising property taxes for large parcel land owners as sprawl moves to their areas
- More funding for youth outdoor education centers/programs to foster forest appreciation
- Partner with REI, G.O.P. etc. on tours/hikes/boating to learn about what we have
- Consult with Arbor Day Foundation
- Tree City USA Program
- More regulations
  - Require preservation of a certain # of large, healthy existing trees in commercial developments
  - Ordinances about tree cutting on private residential property as well as commercial
  - More regulations about parking lot construction
  - Prevent excessive “heat island effect” by requiring “green islands” in parking lots w/ shade trees
- Inventory urban forest
- Establish Heritage Tree Program
- For every tree cut, plant a tree
- Plant relocations
- Promote environmental education
- Encourage tree planting in established neighborhoods & parks through GS Beautiful, grant programs, etc.
- Encourage plantings to receive carbon credits

B) Other notes on board:

C) Questions concerning how to attain the big ideas

i) What **big ideas** are missing and need to be added to our list?

Distribute large amounts of trees at low cost to citizens – education about planting  
Recycle mulch – local mulch vs. imported pine needles  
Citywide composting – satellite? Accessibility?  
Ban cutting trees – what to do with cut down trees?  
Green Roofs  
Establish policy around carbon sequestration

ii) What problems need to be studied? How might they be **investigated and analyzed**?

How to balance clear cutting trees?  
Ratio of lawn to garden – similar to carbon credit  
Wildlife habitat  
Pollution & carbon impacts of landscaping practices  
Viewing entire water systems

iii) What additional **partners and resources** are available to make this effort self-sustaining?

County open space committee  
Ag Center & Piedmont Land Conservancy  
Non-profits  
Audubon Society  
RTP Institute  
Commercial & design enterprises  
Chamber of Commerce  
City of Greensboro

iv) How can we **evaluate and track** the progress of our work? Measure results? Communicate lessons learned?

Carbon measurements  
Air & water pollution  
Tracking wildlife animals  
Track illnesses  
Soil quality

v) How can we best **provide information** to stakeholder groups and the general public about the results of our activities?

Internet  
Signs in downtown  
University collaborations  
Newspaper section  
Demo gardens

10. Promoting local/regional food supply, production and distribution.

Facilitator: Faith Josephs

Recorders: Ivenetta Smith

A) Sticky-notes:

Community gardens & programs in public schools, not just private

Promote local community gardens  
 Food gardens for:  
   Homes  
   Schools  
   Communities  
   Congregations (to feed the hungry)  
 Edible landscaping  
 Non pesticide maintenance  
 Neighborhood community gardens  
 Community gardens  
 Programs to support small farmers  
 Community Garden Program funding  
 CSA's  
 Need innovative distribution techniques  
 Growing food for homeless (Shelters, etc.)  
 Food preservation/processing for year-round distribution  
 Better access to local food supply/seasonal availability  
 Financial sustainability links to agricultural sustainability  
 Have model be home gardens and plant foods for wildlife  
 Educate children on food sources  
 Encourage people to eat less beef- see organic gardening  
 Rethink school lunch – for resources visit The Center for Ecoliteracy on the Web  
 Free compost bins to homeowners & businesses  
 Promote sustainable agriculture  
 Support fair trade organic food  
 Encourage farmers markets at all major portals of the City of Greensboro  
 Promote local agriculture in more local stores  
 Create a database and organizations to organize local farmers/region/state  
 Support local farmers – buy local produce & goods at farmers markets  
 Join Deep Roots

**B) Other notes on board:**

**C) Questions concerning how to attain the big ideas**

**i) What **big ideas** are missing and need to be added to our list?**

Food preservation – workshops  
 CSA?  
 Connect producer with clients  
 Grow food for homeless  
 Financial

**ii) What problems need to be studied? How might they be **investigated and analyzed**?**

Distribution  
 Preservation  
 Action Research  
 Labeling  
 Splitting food & transportation

**iii) What additional **partners and resources** are available to make this effort self-sustaining?**

NC A&T  
Thunderhorse  
Slow Food  
\$ Through Grants  
Global Exchange  
Winston-Salem

- iv) How can we **evaluate and track** the progress of our work? Measure results? Communicate lessons learned?  
One main organization (CSC)  
Long term goals – short term objectives
- v) How can we best **provide information** to stakeholder groups and the general public about the results of our activities?

11. Water sources, quality, and conservation.

Facilitator: Tom Duckwall

Recorders: Tariq Walker

A) Sticky-notes:

Rain catchers – water retention  
Erosion Control  
Rain barrels  
Rain water harvesting for irrigation  
Mandate local grasses that use less water & love heat – i.e. Zoisia, Bermuda  
Stop growing large grass yards  
Rain gardens  
All apartment complexes equipped with water-saving devices w/ water jug in toilet chamber  
Grey water use  
Promote water efficiency  
Rainwater storage programs – storage capacity  
Incentives for rain water harvesting, grey water use and xeroscaping  
Buffer all streams & lakes – incl. temporary  
Involve neighborhood associations  
Dog poop – pooper scooper law needed!  
Conservation easements  
Permanent green space – i.e. Piedmont Land Conservancy  
Pass Jordan Lake rules – it will help the Lake and local streams  
Get nasty motorboats off our water-supply lakes  
Get rid of parking lots  
Support permanent conservation easements  
Innovative Stormwater BMP's (best management practices)  
Protect open spaces adjacent to streams

B) Other notes on board:

C) Questions concerning how to attain the big ideas

- i) What **big ideas** are missing and need to be added to our list?

Lawn fertilizing reduction  
Upfit for wastewater treatment plants  
Strengthen Stormwater mgmt.  
Legacy issues  
Reduce state restrictions on grey water usage  
Reservoir protection & control of development impact

- ii) What problems need to be studied? How might they be **investigated and analyzed**?  
Impact of development on SE waterways – adhere to land use plan  
Build out analysis  
Use of incentives for reduced water use (pricing structure)
- iii) What additional **partners and resources** are available to make this effort self-sustaining?  
State and federal funds  
    Clean Water Mgmt Trust Funds  
    Farmland Mgmt Trust Funds  
Local gov't  
Tax breaks of investing in “green” technologies
- iv) How can we **evaluate and track** the progress of our work? Measure results? Communicate lessons learned?  
State-wide tracking of water consumption  
Create water consumption benchmarks  
    Institutions & Universities  
Encourage the tracking of wells
- v) How can we best **provide information** to stakeholder groups and the general public about the results of our activities?

12. Educate the public, schools, other jurisdictions, professional associations, business, and industry on ways to reduce climate change related pollution.

Facilitator: Dave

Recorders: Art

A) Sticky-notes:

Educate public schools  
Area professional organizations  
Business industry ways to reduce climate change related pollution  
Walk to school  
Environmental demonstrations on campus  
Greensboro Beautiful wants to get into education to prevent litter  
Emphasize providing meaningful work of benefit to the community  
Build relationships across class and ethnicity boundaries  
State the truth about our current global position – see “Hot, Dry, and Crowded” by Thomas Friedman  
Rain catchers  
Get local Certified Green Professionals on public radio to discuss sustainable practices  
Reaching out to other communities to educate:  
    w/ neighborhood associations

w/ business associations  
 School garden programs like Greensboro Montessori program – also transfer of school learning to a home project  
 Environmental demonstration projects on school campuses  
 What institutions could do – immediate opportunities  
 Rewrite curriculum standards to include sustainability  
 Environmental and ecological literacy  
 Involve all ages, including youth, in programs with groups & associations  
 Include churches  
 Murals on walls of schools. Churches, etc. depicting community gardens, people riding bikes, etc.  
 Implement green studies into all school levels & classrooms  
 Local food in cafeterias  
 Organizations reach out to schools  
 Elementary & middle school assembly that is FUN and tells us about recycling & the environment – Ed & Will Ages 11 & 7  
 Our libraries should model and educate  
 Increase outdoor classrooms  
 Get environmental education into classrooms as a daily integral aspect of our children's education

B) Other notes on board:  
 Less lawn and asphalt

C) Questions concerning how to attain the big ideas

i) What **big ideas** are missing and need to be added to our list?

Using different resources & groups to involve and educate Educators, Communities, Businesses, Students  
 Process for recognition

ii) What problems need to be studied? How might they be **investigated and analyzed**?

Study best practices to model after cities  
 EPA, Denver, Portland, Durham  
 Include smaller cities that may or may not be heard  
 Involve faith communities  
 Specific presentations, lectures, using internet and churches  
 Draw ideas from students/youth for ideas affecting them  
 Incorporate into school curriculum  
 How?  
 Tie into state curriculum  
 Tie into lesson plan

iii) What additional **partners and resources** are available to make this effort self-sustaining?

Public health organizations – i.e. Moses Cone  
 Retirees – draw on their expertise  
 Greensboro Beautiful  
 Schools  
 GCS  
 Private schools  
 Colleges & Universities



Curriculum & outreach  
PTNC USGBC (LEED)  
Teachers  
Kathleen Price Bryan Library – teacher training  
Sustainability Educator – ex. City of Durham  
Other groups  
    Boy Scouts  
    PTA's  
JR Achievement  
Other organizations

- iv) How can we **evaluate and track** the progress of our work? Measure results? Communicate lessons learned?  
Record website effectiveness  
# of presentations  
Find out how many goals are being met  
University based research to help track  
Make goals from Mayor to help track (public tracking, achievement)
- v) How can we best **provide information** to stakeholder groups and the general public about the results of our activities?  
Forum for businesses  
Inform & educate about facilities that are sustainable  
Website  
Neighborhood Associations  
    Pamphlets  
    Newsletter  
Radio programs  
Competitions (local groups)